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*[Signature]*  
Attorney for Applicant

PATENT

Docket No. 3337.2.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Daniel R. Cook et al. )  
Serial No.: 10/677,636 )  
Filed: October 2, 2003 ) Art Unit  
For: PETROLEUM EXPLORATION AND PREDICTION ) 3663  
APPARATUS AND METHOD )

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

This Information Disclosure Statement discloses information which has come to the attention of Applicant or those individuals designated in § 1.56(c) and is being submitted to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither Applicant nor those individuals designated in § 1.56(c) make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information

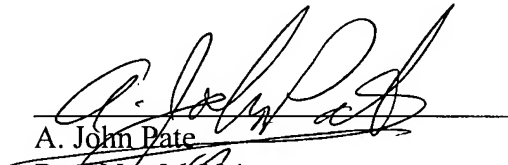
Disclosure Statement shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication, and other item of information in written form listed on the enclosed Form.

DATED this 9<sup>th</sup> day of March, 2004.

Respectfully submitted,

  
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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	<b>SERIAL NO.</b> 10/677,636	<b>ATTORNEY DOCKET NO.</b> 3337.2.2
	<b>FILING DATE</b> October 2, 2003	<b>GROUP ART UNIT</b> 3663
	<b>APPLICANT(S):</b> Daniel R. Cook et al.	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,883,067	11/28/1989	Knispel et al.	128/732	05/15/1987
	A2	5,213,338	05/25/1993	Brotz	273/460	09/30/1991
	A3	5,222,210	06/22/1993	Leivian	395/161	12/03/1990
	A4	5,253,332	10/12/1993	Kumamoto	395/51	06/24/1991
	A5	5,255,347	10/19/1993	Matsuba et al.	395/23	04/23/1991
	A6	5,299,118	03/29/1994	Martens et al.	364/413.05	09/05/1991
	A7	5,353,380	10/04/1994	Zhang	395/3	04/19/1993
	A8	5,355,435	10/11/1994	DeYong et al.	395/24	05/18/1992
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	A10	5,379,268	01/03/1995	Hutson	367/100	09/10/1993
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	A20	5,474,082	12/12/1995	Junker	128/732	01/06/1993
	A21	5,485,551	01/16/1996	Ejima et al.	395/61	07/26/1991

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A22	5,515,335	05/07/1996	Swan	367/47	08/16/1993
	A23	5,515,477	05/07/1996	Sutherland	395/27	04/22/1992
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION
	A38	EP 743,217	11/20/1996			
	A39	EP 745,843	12/04/1996			
	A40	WO 96/38726	12/05/1996			

EXAMINER	DATE CONSIDERED
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## NON-PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT
	A41	J.J. Rajan and P.J.W. Rayner, "Time Series Classification Using the Volterra Connectionist Model and Bayes Decision Theory," IEEE Int'l. Conf. on Acoustics, Speech and Signal Processing, Vol. 1, pp. 601-604
	A42	NeuraWare Brochure, "NeuralWorks Professional II/PLUSv5.0, 2 pages
	A43	J.J. Rajan and P.J.W. Rayner, "Unsupervised Time Series Classification," Signal Processing, Vol. 46(1), pp. 57-74
	A44	Reflection Seismic Data and Geopressure Formations, <a href="http://www.ldeo.columbia.edu/GBRN/he/paper/geopressure/seis_geop.html">http://www.ldeo.columbia.edu/GBRN/he/paper/geopressure/seis_geop.html</a> , 4 pages, July 14, 2003.

EXAMINER	DATE CONSIDERED
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